

SEP 07 2004

APPLICANT PART CITATION

(Use several sheets if necessary)

Application 10/761,481

OFGS File No. P/546-280

Applicant Nozer M. MEHTA et al.

Filing Date January 20, 2004

Group Art Unit 1632

U.S. PATENT DOCUMENTS (not submitted for applications filed after 6/30/03)

Examiner Initial	Document Number	Date MM-YYYY	Name	Class	Sub-class	Filing Date If Appropriate
JR	US-5,955,425	09-1999	Morley et al.	514	11	8-2-1996
JR	US-5,556,940	09-1996	Willick et al.	530	317	6-20-1994
JR	US-6,242,495	06-2001	Leone-Bay et al.	514	617	6-16-2000

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM-YYYY	Country	Class	Sub-class	Translation	
						Yes	No
JR	WO 96/35447	11-1996	WIPO	—	—		
JR	WO 99/18945	04-1999	WIPO	—	—		
JR	WO 99/31137	06-1999	WIPO	—	—		
JR	WO 00/31137	06-2000	WIPO	—	—		
JR	WO 00/07979	02-2000	WIPO	—	—		
JR	WO 00/10596	03-2000	WIPO	—	—		
JR	WO 01/21198	03-2001	WIPO	—	—		
JR	WO 01/22093	03-2001	WIPO	—	—		
JR	WO 01/36039	05-2001	WIPO	—	—		
JR	WO 01/81415	11-2001	WIPO	—	—		
JR	EP 0 920 873	06-1999	European Union	—	—		
JR	EP 0 926 158	06-1999	European Union	—	—		
JR	EP 1 059 933	01-2003	European Union	—	—		
JR	2,126,299	12-1995	Canada	—	—		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner

Jeffrey E. Russell

Date Considered

March 15, 2006

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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Examiner Initial	Document Number	Date MM-YYYY	Name	Class	Sub-class	Filing Date If Appropriate	
JN	US-4,604,376	08-1986	Teng	514	3	4-8-1995	
JN	US-5,206,219	04-1993	Desai	514	3	11-25-1991	
JN	US-5,350,741	09-1994	Takada	514	3	5-26-1992	
JN	US-5,472,710	12-1995	Klokkeers-Bethke et al.	424	468	4-29-1994	
JN	US-5,310,727	05-1994	Lattanzi et al.	514	12	5-10-1994	
JN	US-5,122,376	06-1992	Aliverti et al.	424	405	5-9-1990	
JN	US-5,447,729	09-1995	Blenduik et al.	424	490	4-7-1994	
JN	US-4,994,439	02-1991	Longenecker et al.	514	3	1-19-1989	
JN	US-4,708,934	11-1987	Gilligan et al.	435	68	9-27-1984	
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	Document Number	Date MM-YYYY	Country	Class	Sub-class	Translation	
						Yes	No
JN	WO95/28963	11-1995	WIPO			Abstract only	
JN	EP 0 308 067	03-1989	European Union				
JN	EP 0 382 403	08-1990	European Union				
JN	EP 0 517 211	12-1992	European Union				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
JN	1	Seiya Kagatani, et al., "Enhancement of Nasal Salmon Calcitonin Absorption by Lauroylcarnitine Chloride in Rats", <i>Pharmaceutical Research</i> , Vol. 13, No. 5, pp. 739-743, 1996					
JN	2	Bruce Aungst, "Novel Formulation Strategies for Improving Oral Bioavailability of Drugs with Poor Membrane Permeation or Prysystemic Metabolism", <i>Journal of Pharmaceutical Sciences</i> , Vol. 82, no. 10, pp. 979-987, October 1993					
JN	3	Charles M. Lang, et al., "Effects of glucose-insulin-postassium on intestinal hemodynamics and substrate utilization during endotoxemia", <i>American Physiological Society</i> , 251(3Pt 1):341-8 (1986)					
JN	4	Joseph A. Fix, et al., "Acylcarnitines: drug absorption-enhancing agents in the gastrointestinal tract", <i>American Physiological Society</i> , 251(3 Pt 1):332-40 (1986)					
JN	5	Takayuki Ohwaki, et al., "Effects of Dose, pH, and Osmolarity on Nasal Absorption of Secretin in Rats II: Histological Aspects of the Nasal Mucosa in Relation to the Absorption Variation Due to the Effects of pH and Osmolarity", <i>Journal of Pharmaceutical Sciences</i> , Vol. 76, No., pp. 695-697, September 1987					
Examiner		Jeffrey E. Russell					
		Date Considered March 10, 2006					
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	US-					
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FOREIGN PATENT DOCUMENTS						
	Document Number	Date MM-YYYY	Country	Class	Sub-class	Translation Yes No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
JRL	6	Doris A. Stoffers, et al. "Multiple Forms of Rat Peptidyl-Glycine α -Amidating Monooxygenase", <i>Advances in Gene Technology: Molecular Neurobiology and Neuropharmacology</i> , ICSU Short Reports, Volume 9, page 120 (1989)				
JRL	7	J. Lai-Sim Au, "Disposition and Availability of 5-Fluorouracil Prodrug 5'-Deoxy-5-fluorouridine after Oral Administration in Rats", <i>Journal of Pharmaceutical Sciences</i> , Vol. 76, page 699 (Sept. 1987)				
JRL	8	Willa A. Hsueh, Proteases in Hormone Production and Metabolism, pp. 141-151 (not dated)				
JRL	9	Alan F. Bradbury, et al., "Peptide Amidation: Evidence for Multiple Molecular Forms of the Amidating Enzyme" <i>Biochemical and Biophysical Research Communications</i> , Vol. 154, No. 3, pp. 1293-1300, August 15, 1988				
JRL	10	VECTOR PHARMA Ongoing Research "Oral Delivery of Peptides" (1996)				
JRL	11	Peter Langguth, et al., "Oral Absorption of Peptides: The Effect of Absorption Site and Enzyme Inhibition on the Systemic Availability of Metkephanid" <i>Pharmaceutical Research</i> , Vol. 11(4):528-535, November 1994				
JRL	12	Martha V.L. Ray, et al., "Production of Recombinant Salmon Calcitonin by <i>In Vitro</i> Amidation of an <i>Escherichia coli</i> Produced Precursor Peptide", <i>Biotechnology</i> , Vol. 11, pp. 64-70, January 1993				
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JN	US-5,766,620	06-1998	Heiber et al.	424	436	10-23-1995	
JN	US-5,968,895	10-1999	Gefter et al.	514	2	12-11-1996	
JN	US-6,248,558	06-2001	Lin et al.	435	69.1	11-04-1998	
JN	US-5,288,497	02-1994	Stanley et al.	424	440	9-5-1989	
	US-5,206,219	04-1993	Desai	514	3	11-25-1991	
	US-5,350,741	09-1994	Takada	514	3	5-26-1992	
	US-5,472,710	12-1995	Klokkers Bethke et al.	424	468	4-29-1994	
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						Yes	No
JN	WO 01/44199	06-2001	WIPO				
JN	WO 91/14454	10-1991	WIPO				
JN	0 489 217	06-1992	European Union				
JN	0 517 211	12-1992	European Union				
JN	56-140924	04-1981	Japan			Abstract	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
JN	13	James F. Whitfield, Ph.D., et al., "Adenylyl Cyclase-Activating Anabolic Agents: Parathyroid Hormone and Prostaglandins E", <i>Anabolic Treatments for Osteoporosis</i> , Chapter 5, pp. 109-149 (1998)					
JN	14	Betty A. Eipper, et al., "The Biosynthesis of Neuropeptides: Peptide α -Amidation, <i>Annu. Rev. Neurosci.</i> , 15:57-85 (1992)					
JN	15	David J. Merkler, "C-Terminal amidated peptides: Production by the <i>in vitro</i> enzymatic amidation of glycine-extended peptides and the importance of the amide to bioactivity", <i>Enzyme Microb. Technol.</i> , vol. 16, June 1994					
JN	16	Tania Fernandez, et al., "Ferrying proteins to the other side", <i>Nature Biotechnology</i> , Volume 16 May 1998					
JN	17	Andreas Bernkop-Schnürch, "The use of inhibitory agents to overcome the enzymatic barrier to perorally administered therapeutic peptides and proteins", <i>Journal of Controlled Release</i> , 52(1998) 1-16					
JN	18	Dinesh Patel, et al., "Peptide Targeting and Delivery across the Blood -- Brain Barrier Utilizing Synthetic Triglyceride Esters: Design, Synthesis, and Bioactivity", <i>Bioconjugate Chem.</i> , 1997, 8, 434-441					
JN	19	H. Rico et al.: "Salmon Calcitonin Versus Human Calcitonin Paget's Disease of Bone", <i>Current Therapeutic Research</i> , Vol. 49, No. 1 January 1991 (Abstract)					
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JR	US-6,673,574	01-2004	Stern	435	69.7	11-29-2001	
JR	US-6,086,918	07-2000	Stern et al.	424	474	8-19-1998	
JR	US-5,912,014	06-1999	Stern et al.	424	474	03-15-1996	
JR	US-5,614,219	03-1997	Wunderlich et al.	424	472	12-04-1992	
	US-						
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JR	WO 97/33531	09-1997	WIPO				
JR	WO 95/25534	09-1995	WIPO				
JR	0 263 493	04-1998	European Union			Abstract	
JR	0 162 764	11-1985	European Union				
JR	AU-A-79394/87	04-1988	Australia				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
JR	20	E. Scott Swenson and William J. Curatolo, <i>Advanced Drug Delivery Reviews</i> (1992) 39-92, "(C) Means to Enhance Penetration (2) Intestinal permeability enhancement for proteins, peptides and other polar drugs: mechanisms and potential toxicity"					
JR	21	Remington's Pharmaceutical Sciences, 18 th Edition, pp. 1319, 1634-38 (1990)					
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The PTO did not receive the following listed item(s) **FOR 0263493**

} Abstract submitted.
JR

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<i>JR</i>	US-6,110,892	08-2000	Barbier et al.	514	11	Aug 1, 1997	
<i>JR</i>	US-5,157,021	10-1992	Balschmidt et al.	514	3	Dec 20, 1990	
<i>JR</i>	US-5,120,712	06-1992	Habener	514	12	Jun 1, 1980	
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FOREIGN PATENT DOCUMENTS							
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<i>JR</i>	WO 02/043767	06-2002	WIPO				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
<i>JR</i>		International Search Report dated November 5, 2004					
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